

# Farenhyt

## IDP-6AB & SSB501

The IDP-6AB 6" Mounting Base and the SSB501 4" Mounting Base are plug in detector bases for IDP style detectors intended for use with Silent Knight IFP-series fire alarm control panels (FACPs). The IDP-6AB and SSB501 have screw terminals for power (+) and (-) and remote annunciator connections. Communication takes place over the power (+) and (-) lines.

### Features

- Plug-in mounting provides ease of installation
- Tamper-proof feature prevents removal of the detector without the use of a tool
- Range of mounting options to meet any application
- SSB501 allows for aesthetically pleasing installation with Recessed Mounting Kit (PN SSRMK400)
- Rotary address switches for fast installation
- Optional remote LED annunciator (PN SSRA400Z)
- SEMS screws, 12–22 AWG
- UL Listed

### Installation

The IDP-6AB and SSB501 can be mounted on a variety of junction boxes as shown in the tables below.

#### U.S. Junction Box Selection Guide\*

Model	Single Gang	3.5" Oct	4" Oct	4" Sq
IDP-6AB	Yes	Yes	Yes	Yes
SSB501	No	Yes	No	No

#### Metric Junction Box Selection Guide\*

Model	50 mm	60 mm	70 mm	75 mm
IDP-6AB	No	No	No	No
SSB501	Yes	Yes	Yes	No

\*Box depth is contingent on base and wire size. Refer to the National Electric Code or applicable local codes for appropriate recommendations.



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### Addressable Detector Bases



**MEA**

205-94-E Vol IX



**IDP-6AB Base**



**SSB501 Base**

### Compatibility

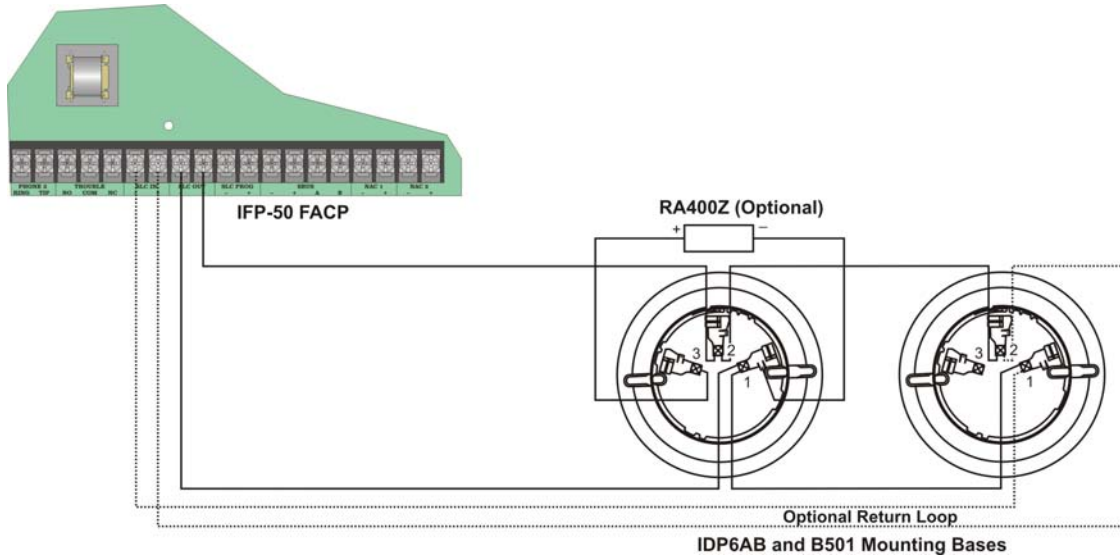
The IDP-6AB and SSB501 are compatible with the following IDP-series detectors:

- IDP-Photo Photoelectric Smoke Detector
- IDP-Photo-T Photoelectric Smoke Detector with Thermal
- IDP-Acclimate Multi Criteria Photoelectric Smoke Detector
- IDP-Ion Ionization Smoke Detector
- IDP-Heat Fixed Temperature Thermal Detector
- IDP-Heat-ROR Rate-of-Rise Detector with Thermal
- IDP-Heat-HT Fixed High Temperature Thermal Detector

The IDP-6AB and SSB501 are compatible with the following FACPs:

- IFP-2000/RPS-2000 Intelligent Fire Panel
- IFP-1000 Intelligent Fire Panel
- IFP-100 Intelligent Fire Panel
- IFP-50 Intelligent Fire Panel

P/N 350295 Rev C  
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## Specifications

### Physical

IDP-6AB Diameter: 6.1" (155 mm)

SSB501 Diameter: 4.1" (104 mm)

### Electrical

Wire Gauge: 18–12

Terminals:

Terminal 1: Power (–) and Optional RA400Z

Terminal 2: Power (+)

Terminal 3: Optional RA400Z Remote Annunciator

### Environmental

Operating Temperature: 32°F – 150°F (0°C – 66°C)

Humidity: 10% – 93% non-condensing

### Ordering Information

IDP-6AB 6" Mounting Base

SSB501 4" Mounting Base

### Accessories

- |               |  |
|---------------|--|
| SSRA400Z      | Remote LED Annunciator.  |
| SSRMK400      | Recessed Mounting Kit. Provides low profile for use with SSB501.   |
| SSXR2B        | Detector Removal Tool. A removal and replacement tool for IDP plug-in detectors. Includes the T55-127-000. |
| SSM02-04-01   | Detector Test Magnet.  |
| SSM02-09-00   | Test Magnet with Telescoping Handle.   |
| SSXP-4        | Extension Pole for XR2B. Extends from 5 – 15 ft.   |
| SST55-127-000 | Detector Removal Head.   |
| SSBCK-200B    | Black Detector Kit. For IDP-series detectors.  |



IDP-6AB Base Installed with Detector



SSB501 Base Installed with Detector



This document is not intended to be used for installation purpose. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information contact Silent Knight 7550 Meridian Circle Suite 100, Maple Grove, MN 55369  
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